

Application No 10/628,207  
Application dated July 29, 2003  
Reply to office action of 30<sup>th</sup> april , 2008

**Amendments to the Drawings**

The attached sheet of drawings includes changes to Fig 1. These sheets include Fig 1 changed to Fig 1A, B & C to explain.

**Fig1A**

It shows standard balloon catheter

- (1) it is shaft of catheter
- (2) it is balloon part of catheter

**Fig 1B**

Here part of shaft (1) is replaced by circular spring (3)

**Fig 1C**

Here part of shaft (1) is replaced by spiral spring (4)

**Fig 2**

- (5) Flat inner and outer surface of struts( struts to be thin)
- (6) Heatexpansile material on balloon
- (7) Compressive outer surface not allowing heatexpansile material to come on outer surface of stent to trap it, it also does not allow increase in stent profile
- (8) Balloon inner surface such that the heatexpansile material can not come and disturb the lumen of the balloon

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## **REMARKS/ARGUMENTS**

Page 2 Para 1

Spring like structure means spring

Possible question: Why did I use word “spring like structure” instead of only “spring”.

Answer: some one had advised that while applying for patent use as wide language as possible so that claim is reasonably wide, that is why I used spring like structure.

Note you can change it to “spring” or “spring like structure”, whichever you consider appropriate.

Page 2 Para 1

Drug amount more at the edges of stent especially the proximal edge

Actually post PTCA restenosis etc in my experience is more at the edges of stent that is the reason I will like more drugs at edges.

Very often we implant stent at two critical places as ostial LAD and ostial LCx where in event of restenosis the distal left main will be involved, which is a bad site for restenosis or stent thrombosis therefore I will like extra drug at proximal edge.

Page 2 Para 2

The balloon catheter has a shaft which runs in its length to transmit the operator's hand push to the balloon. In instantly claimed application the part of the shaft, preferably part that stays in guiding catheter is replaced by a spring. Here in this part shaft is not there instead spring is there and the two edges of spring are attached to the shaft. Thus spring will absorb force and transmit it forward.

Drawing changes

I was brief in my application to avoid too much paperwork. The Fig 1 was explanatory about the spring. I have divided fig1 into fig 1A, B & C to explain the spring, and have made it black and white.

I have also made fig 2 black and white and have replaced the C, D, E, & F to 5, 6, 7, 8.


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I live far away and therefore I authorize you to make necessary changes.

***Conclusion***

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted

  
(Dr. Vipul Narain Roy)

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Annotated Sheet Showing Changes

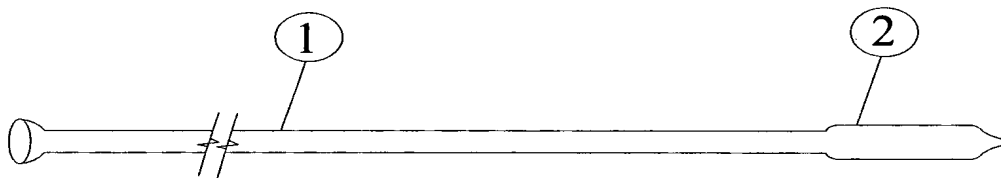


Figure - 1 A

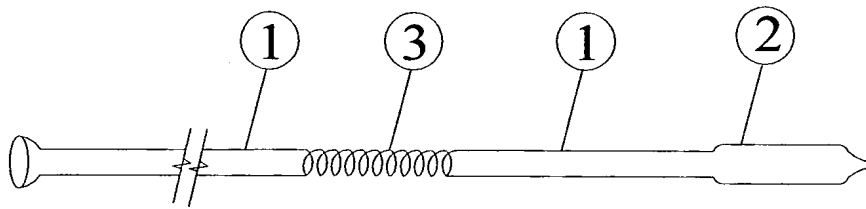
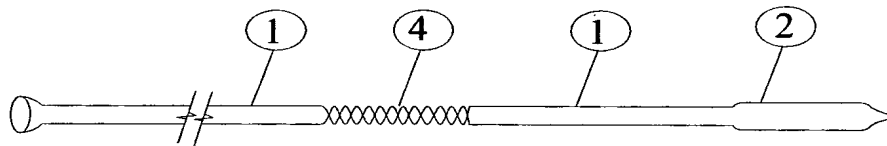


Figure - 1 B



**Figure 1 C**

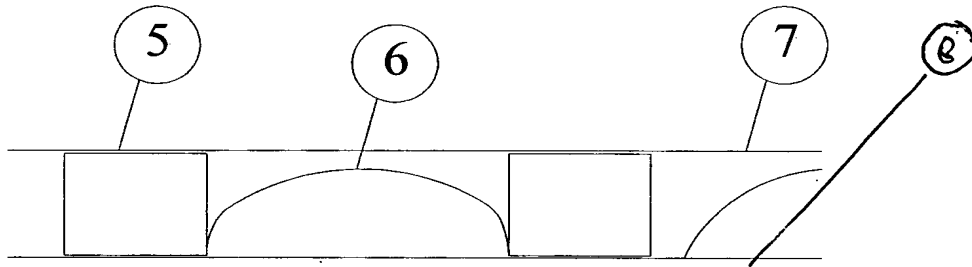


Figure - 2